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Sheet 1 of

FORM PTO-1449 (Rev. 2-32)	U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 30093	SERIAL NO. 351,179 <u>102,531</u>
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT LeRoy G. Hagenbuch	
(Use several sheets if necessary)		FILING DATE May 12, 1989	GROUP 234

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>[Signature]</i>	AF	Promotional brochure entitled "Dispatch At Work!" distributed at the October 1982 American Mining Congress Quadrennial held in Las Vegas
<i>[Signature]</i>	AG	Promotional brochure entitled "Dispatch" distributed at the October, 1986 American Mining Congress Quadrennial held in Las Vegas
		All promotional literature contained within a gray portfolio as currently distributed by Modular Mining Systems
<i>[Signature]</i>	AI	"Computer Methods for the 80's In The Mineral Industry", edited by Alfred Weiss, Society of Mining Engineers/A.I.M.E. 1979, pages 735-742

Joe Dyer SB9/91

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

My } AJ Brochure entitled "Quintette Coal Limited's Experience to Date within Its Computerized Truck Dispatch System", distributed at the April 1985 87th Annual General Meeting of CIM, held April 21-25, 1985.

AK Pamphlet No. YM 18-103 NA entitled "Load Indicator for Ore Haulers" distributed by ASEA, Inc. of White Plains, New York.

AL Brochure entitled "Pactronics Load Analyzer", distributed by Pactronics Corporation of Cucamonga, California, bearing a copyright notice of 1978.

AM Brochure entitled "On-Board Truck Weighing System-Gateway To Production", distributed by Philippi-Hagenbuch, Inc., bearing a copyright notice of 1984.

AN Brochure entitled "Hardware, Software, and System Considerations N Computer-Based Open Pit Mine Truck Dispatching", ISA Transactions, Volume 22, No. 24, pages 11-20, 1983.

AO Weed, Jr., "Motorola System Cobines Truck Dispatch With Remote Data Acquisition and Control At Reserve Mining Company", distributed at the Arizona Conference A.I.M.E. Annual Meeting held on December 5, 1983.

AP Beaudoin, "Automatic Truck Dispatching-Mount Wright Operations", Open Pit Operations Conference, Canadian Institute of Mining and Metallurgy, Paper No. 2, 1977.

AQ Mackie, "Communications + Computers = Innovative Mine Management" Society of Mining Engineers of A.I.M.E., No. 85-55, presented February 1985.

AR White et al., "Computer Based Dispatching In Open Pit Mines", presented at the 12th Annual ISA Mining and Metallurgy Industries International Process Control Symposium, Vancouver, B.C., Canada, May 1984.

AS Gould, Inc. brochure, "Automatic Truck Dispatching and Identification System", dated September 19, 1979.

AT Sassos, "Reserve's Mine Management System", Engineering and Mining Journal, September 1984, pages 42-49.

AU Motorola brochure, "Data Ranger/Mining Communications System", distributed by Motorola, Inc. at the 1982 American Mining Congress Quadrennial held in Las Vegas, Nevada.

AV Chironis, "Computer Monitors and Controls All Truck-Shovel Operation", Coal Age, March, 1985, pages 50-55.

AW Arnold et al., "Computer-Based Truck Dispatching", Special Report: Surface Haulage Economics, April, 1983.

AX White, J.W., and J.P. Olson, "Computer Based Dispatching In Mines With Concurrent Operating Objectives", Society of Mining Engineers, 83-413.

AY White, J.W., M.J. Arnold, and J.G. Clevenger, "Automated Open-Pit Truck Dispatching At Tyrone", Engineering and Mining Journal, June 1982.

AZ White, J.W., and L.T. Zoschke, "The Development Of A Computerized Truck Dispatching System", Mining Magazine, December 1987.

BA Himebaugh, A.E., "Computer-Based Truck Dispatching In The Tyrone Mine", Mining Congress Journal, November 1980.

BB Barnum, B.A., "Computerized Truck Dispatching At The Chino Mine - Installation And Operation Considerations", Society of Mining Engineers, Inc., Preprint Number 87-76, February 1987.

BC Chironis, N.P., "Computer Monitors And Controls All Truck-Shovel Operations", Coal Age, March 1985.

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for Joe Dwan
18/19/93

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AM 2 BD Arnold, M.J., and White, J.M., "Advances In Computer Dispatching", American Mining Congress, April 1988.

BE Arnold, M.J., and White, J.W., "Computer-Based Truck Dispatching", Special Report: Surface Haulage Economics, Mining Engineering, September 1983.

BF Webster, G., "Phelps Dodge Once Again Profits From Copper", The Arizona Republic

BG Clevenger, J.G., "DISPATCH Reduces Mining Equipment Requirements", Mining Engineering, September 1983.

BH White, J.W., "Automated Haulage Control In North America", International Mining, April 1988.

BI White, J.W., and Olson, J.P., "Recent Developments In Computer Based Dispatching", Society of Mining Engineers of AIME, October 1983.

BJ White, J.W., Arnold, M.J., and Clevenger, J.G., "Automated Open-Pit Truck Dispatching At Tyrone", Engineering And Mining Journal, June 1982.

BK White, J.W., and Olson, J.P., "Off-Highway Haulage In Surface Mines", A.A. Balkema/Rotterdam/Brookfield, 1989.

m) BL Lill, J.W., Gliddon, J.P., and Wade, G.C., "Palabora - Changing To Meet The Challenge Of The 80's", Mining Engineering, August 1988.

*M. Farrell
for Joe Brown
10/14/93*